

Dehn, Georg and Sauer, Martin.
TELEPHONE CARBON MICROPHONE 97. 12p 5refs
Order from SLA \$1.60 TT-64-16587

Trans. of Siemens Zeitschrift (West Germany) 1963,
v. 37 [no. 7] p. 532-536.

(Engineering--Electrical, TT, v. 12, no. 3)

TT-64-16587

I. Dehn, G.
H. Sauer, M.

Office of Technical Services

End-Type Pabx in the Bureau of Telecommuni-
cations of the German Federal Post Office,
by Franz Wirsing, 5pp.

GERMAN, per, Siemens Zeitschrift, Vol 37,
No 9, 1963, pp 667-669.

CFSTI TT-64-18604.

322,618

Sci - Electronics &
Electrical Engineering
Mar 67

RS 1082 C - A Transmitter Tetrode for Single Side
Band Transmitters Used in Commercial
Telecommunication Systems, by J. Halle.
GERMAN, per, Siemens Zeitschrift, No 9, 1963,
pp 684-689.
NLL Ref: 3774.5 (1756)

Sci/Nav
Mar 69

376,919

Finding the Most Economic Method of Driving
Speed-Controlled Boiler Feed Pumps, by P. Haack.
GERMAN, per, Siemens Zeitschrift, Vol 38, No 7,
1964, pp 566-570.
NLL Ref: 3774.5 (1752)

Sci/Energ Conv
Mar 69

375.672

J-1297/62

The Berlin Wall, by Inigo Laviada. 5211

SPANISH, per, Siempre, 29 Aug 1962, pp 10, 70.

*JPRS/~~XXXX~~ DC-8173

EEur - E. Germany

Pol

Oct 62

J-1297/62

The Damage Done by the Lackeys, 49

SPANISH, per, Siempre, 29 Aug 1962, pp 16, 17.

*JPRS/DC-8173

EEur - E. Germany

Pol

Oct 62

J-657/63

The Confessions of Yevtushenko, by Antonio Rodriguez,

For Official Use Only

SPANISH, per, Siempre, Mexico City, 17 Apr 63, pp 28, 29.

JPRS/DC-8640

USSR

Pol

23 May 1963

J-762/63

Message to Soviet Artists, by David Alfaro Siqueiros,
810.
SPANISH, per, Siempre, 29 May 1963, pp 32-34.

*JPRS/DC-8674

USSR

Lat Amer - Mexico

Pol

13 Jun 63

MEXICAN WRITER SEES USSR MORE CORRECT THAN
CHINA, BY ANTONIO RODRIGUEZ, 5 PP.

SPANISH, PER, SIEMPRE, NO 526, JUL 1963, PP 28-29.

JPRS 20705

LA - MEXICO

POL

AUG 63

341,930

THE THREAT OF STALINISM IN LATIN AMERICA, VICTOR
ALBA, 6 PP.

SPANISH, PER, SIEMPRE, 31 JULY 1963, P 39.

JPRS 20848

LA
POL
SEP 63

341-592

3

A Defense of Tito, by Antonio Rodriguez, 5 pp.

SPANISH, per, Siempre, No 539, 23 Oct 1963, pp 26, 27, 70.

JPRS 22067

FE-China

Pol

Jan 64

245, 520

J-1090/64

The Chou En-lai Talks to Simepre, by
Mario Monteforte Teledo, 5 pp.

SPANISH, per, ~~Sin~~ Siempre, No 572, Jun 1964,
pp 26, 70.

FDD/NY-9331

FE - China
Pol
Sep 64

J-1090/64

To China on Mission for Siempre, by Mario Monteforte
Teledo, 8 pp.
SPANISH, per, Siempre, No 573, Jun 1964,
pp 28-29, 70.

FDD/NY-9331

FE - China
Pol
Sep 64

J-2150

Mao Expects to Impose Socialism on a World
Reduced to Ashes, by Jose Estividad Rosales, *7 pp.*
SPANISH, per, Siempre, 28 Oct 1964, pp 34, 35.

i

VRS/DC-11242/Special

LA

Pol

Mar 65

J-2150

588
No Title, *by Montero Toledo*
SPANISH, per, Siempre, Mexico City, 28 Oct 64,
p 36.

[Signature]
JPRS/DC-11242/Special

LA
Pol
Mar 65

Sierra Mecanica Portatil de Cadena Disston, Modelo G-10, con Hoja de 36" (0,90m) y Motor de Gasolina Kiekhaefer Mercury Modelo KB6A.

ENGLISH to SPANISH, Training Manual, Saw, Chain, Portable, Gasoline, 36" Blade, Disston, Model G-10, with Kiekhaefer Engine Model KB6A, TM 5-4002, 3 Mar 1945.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone
\$.20

WHY I STAND BY ALLENDE, ANSWERS GEN. TEODORO RUIZ:
CHILE MUST INTEGRATE IN THE PROCESS OF SOCIAL PRO-
GRESS, 5 PP. GOVERNMENT USE ONLY

SPANISH, PER, EL SIGLO, 13 AUG 1963, P 5.

GUO 173

LA-CHILE

SOC

SEP 63

343,862

MANIFEST OF THE POLITICAL COMMISSION OF THE CHILEAN
COMMUNIST PARTY, 17 PP. GOVERNMENT USE ONLY

SPANISH, NP, EL SIGLO, 11 AUG 63, PP 12-13.

GUO 173

LA-CHILE
SOC
SEP 63

343,863

Political: Allende vs Frei, Demand for Nazis

Party-Investigation, 11 pp. GOVERNMENT

USE ONLY

SPANISH, np, El Siglo, 9 Apr 1964, pp 1, 3, 9.

JPRS GUO: 316

LA

Pol

May 65

Manuel Cantero's Report to Plenary Session,
26 pp. GOVERNMENT USE ONLY
SPANISH, np, El Estado, 24 May 1964, pp 6, 7, 8.
JPRS GUO: 354

LA-Chile
PolSep 64

267,139

Communist Party Says Chile Faces Only
Two Presidential Candidates, 8 pp.
GOVERNMENT USE ONLY
SPANISH, np, El Estado, Vol XXIV, No 4144,
25 May 1964, p 10.
JPRS GUO: 352

LA-Chile
Pol
Sep 64

267,151

Sixth National Conference of Communist Youth
Movement, Jun 26-28, 5 pp. GOVERNMENT
USE ONLY
SPANISH, np, El Siglo, 12 Jun 1964, p 9.
JPRS GUO: 362

LA-Chile
Soc
Sep 64

267,137

Ve

6th National Conference of Chilean Communist
Youth, 16 pp. GOVERNMENT USE ONLY
SPANISH, np, El Siglo, 29 Jun 1964, pp 8, 9.
JPRS GUO: 378

LA-Chile

Soc

Sep 64

267,110

New Readjustment Law Scheduled for 5 November,
7 pp. GOVERNMENT USE ONLY
SPANISH, np, El Siglo, 7 Jul 1964, pp 1, 4.
JPRS GUO: 381

LA-Chile
Pol
Sep 64

267,181

Communist Party Candidate Cipriano Pontigo, 5 pp.
SPANISH, np, El Siglo, 17 Dec 1964, p 10.
JPRS GUO 581

LA-Chile
Pol
Feb 65

273,919

Communist Party Candidate Victor Galleguillos,
5 pp.
SPANISH, np, El Siglo, 29 Dec 1964, p 10.
JPRS GUO 581

LA-Chile
Pol
Feb 65

273,918

214
Otosclerosis. Report on the Pathological Anatomy
and ~~Pathogenesis~~ Pathogenesis of Otosclerosis,
by Otto Mayer, 13 pp.

SPANISH, per, El Siglo Medico, pp 435-437.

Navy Tr 3326 No 756

Sci - Biol & Med Sci
Mar 63

229, 20.5

Bacteriolysins, by M. Salazar, 14 pp.

SPANISH, per, El Siglo Med. Vol LXXVIII, 1926,
pp 205-208, 233-236.

SLA 58-423

Sci

Aug 59

95,052

Teratology: Total Absence of the Olfactory Nerves
With Anosmia in a Person With Congenital Atrophy
of the Testes and Penis, by A. Maestre de San Juna.
SPANISH, per, El Siglo Medico, No 3, 1956, p. 211.
NIH 3-3-64

Sci-B & M Sci
May 64

258,223

Signal Bridges in Modern Design, by W. Rohr.

GERMAN, per, Signal u Draht, Jan 1955, pp
10-14.

INSDOC-F1976

Sci - Engr

Jun 59

89,219

The Introduction of the New Rolling-Stock-Clearance -
Gauge 1-SM on the Stretches of the German Railways,
by G. Hauck, W. Bohn, UNCLASSIFIED

GERMAN, per, Signal und Schiene, No 11, Nov 1957,
Berlin, pp 247-250.

ACSI, E-0429-A

EE - Germany
Econ
Apr 58

61,346

(2344-E/a)

088th Discussions on Railroad Signals and Communications
by J. Gebhardt, F. Finow, 11 pp.

GERMAN, per, Signal und Schiene, No 10, Berlin,
1958, pp 222-225.

JPRS 1306-E

Kear - GDR (Germany)
Econ
Mar 59

82,973

(2195-H)

Accomplishments and Plans of the GDR Railroads,
by Hartwig Martin, 5 pp.

GERMAN, Ser, Signal und Schiene, No 11, Berlin,
1958, pp 241-242.

JPRS 1265-H

Kear - East Germany
Econ
Mar 59

82,333

The Section Signal Cable and Its Electrical
Characteristics, by H. Steinkopff, 7 pp. UNCLASSIFIED

GERMAN, per, Signal und Schiene, No 7, Jul
1959, pp 151-153.

ACSI, H-4793

118,489

Sci - Electronics, Electricity
Jun 60

SETTE

(NY-3223).

Long-Range Plan for the Mechanization of Super-
structure Work on East German Railroads, by Erich
Huelzenbecher, 17 pp.

GERMAN, per, Signal und Schiene, Vol III, No 9,
1959, pp 199-204.

JPRS-2085-N

EEur ^{East} Germany
Econ
Dec 59

104,394

The Local Battery Telephone Installation of
the [East] German Railways, by Herbert Burkhardt,
13 pp.

GERMAN, per, Signal und Schiene, Vol III,
No 10, 1959, pp 220-224.

USABIA SC-136/60

Sci - Electronics

Aug 60

121,951

(DC-5646)

Tasks of the Technology Department of the Main
Administration for Railroad Installations of the
Deutsche Reichsbahn, by Heinz Hoppe, 5 pp.

GERMAN, per, Signal und Schiene, Vol V, No 1, 1961,
pp 9, 10.

JPRS 8340

EEur - Germany

Econ

Jun 61

155, 872

(DC-5646)

Tasks of the Technology Department of the Main
Administration for the Security and
Telecommunications System of the Deutsche
Reichsbahn, by Heinz Haupt, 12 pp.

GERMAN, per, Signal und Schiene, Vol V, No 1,
1961, pp 11-15.

JPRS 8340

EEur - Germany
Econ
Jun 61

155,074

(DC-5647)

asks of the Office of Research and Development of
or the Safety and Telecommunications Systems of the
utsche Reichsbahn, by Hans Clausenitzer, 9 pp.

GERMAN, per, Signal und Schiene, Vol V, No 2, 1961,
p 41-44.

JPRS 8261

Eur - Germany

154,253

son

y 61

(NY-6450)

THE MOST IMPORTANT TASKS OF THE OSSHD FOR 1962,
5 PP.

GERMAN, PER, SIGNAL UND SCHIENE, VOL VI, NO 1,
1962, PP 12, 13.

JPRS 13588

EEUR - SOV BLOC
MAY 62
ECON

193,101

(NY-6450)

WORKING SESSION OF THE SEVENTH COMMISSION
OF THE OSSHD, BY ERICH HENNIG, 7 PP.

GERMAN, PER, SIGNAL UND SCHLENE, VOLVI, NO 1,
1962, PP 27, 28.

JPRS 13588

EEUR - SOV BLOC
ECON
MA62

193,102

Attempt at a General ^{Theory} ~~Theory~~ ^{b.i.ty} of the Formation
of Ceramic Masses, by T. Haase, 10 pp.

GERMAN, per, Silikattechnik, Vol III, No 6,
1952, pp 265-267.

SLA 57-2393

Sci

Aug 58

69, 784

(DC-5646).

Tasks of the Department of Technology of the Main
Administration for the Security and Telecommunications
System of the Deutsche Reichsbahn, by Heinz Haupt,

GERMAN, per, Signal und Schiene, Vol V, No 1, 1961,
pp 11-15.

*JPRS

EEur - Germany

Econ - Transportation

27 Mar 61

(DE-5647).

Tasks of the Office of Research and Development for
the Security and Telecommunications System of the
Deutsche Reichsbahn, by Hans Claussnitzer,

GERMAN, per, Signal und Schiene, Vol V, No 2, 1961,
pp 41-44.

*JPRS

EEur - Germany

Econ - Transportation

27 Mar 61

(NY-6458)

Work Done by the Ninth Commission of the
Railroad Commercial Committee of the OSSHD,
by Christo Gaertner, 2 pp.

GERMAN, per, Signal und Schiene,
Vol V, No 8, 1961, pp 244-246.

JPRS 10822

EEur - Germany

Econ

Dec 61

EE

176,262

(NY-6450)

Railroad Communications and Safety, by
H. Haupt, 7 pp.

GERMAN, per, Signal und Schiene, No 2,
1962, pp ~~45~~ 45-48.

JPRS 13492

EEur - Germany
Econ
Apr 62
EE

192, 386

(NY-6450)

1961 Session of the 9th Commission of
the Committee for Railroad Traffic of
the OSZhD, by Christa Gaertner, 8 pp.

GERMAN, per, Signal und Schiene, No 2,
1962, pp 49-51.

JPRS 13492

EEur - Germany
Econ
Apr 62

192, 387

(NY-6450)

MISSIONS AND DEVELOPMENT OF THE CENTRAL TESTING
AND DEVELOPMENT FACILITY FOR TRANSPORTATION
(ZPEV), BY HELMUT ZEILER, 7 PP.

GERMAN, PER, SIGNAL UND SCHIENE, VOL VI, NO 4,
1962, PP 137-138.

JPRS 13869

EEUR - GERMANY
ECON
JUN 62

EE

197,543

(NY-2700)

AUTOMATIC TROUBLESHOOTERS ON SAFETY FUSE
EQUIPMENT, BY W. KOSEL, 7 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 6, 1962,
PP 230-232.

JPRS 14697

EUR - GERMANY
ECON
AUG 62
EE

205,937

(SF-2900)

APPLICATION OF GOST STANDARDS TO THE EAST
GERMAN ECONOMY, BY HORST POHLER, 6 PP..

GERMAN, PER, SIGNAL UND SCHIENE, NO 6, 1962,
PP 232-234.

JPRS 14562

EEUR - GERMANY

ECON .

EE

JUL 62

204,641

(NY-2700)

SAFEGUARDING THE TRANSPORT ROUTES AT EAST
GERMANY'S WESTERN BORDER, BY A. G. SCHUCHARDT,
9 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 6, 1962,
PP 234-238.

JPRS 1469~~4~~7

EUR - GERMANY
ECON
AUG 62
EE

205,938

NEW ENGINEERING CONSTRUCTION AT THE BERLIN INTER-
URBAN RAILROAD, BY KARL-HEINZ RINCK, 7 PP.
GERMAN

GERMAN, PER, SIGNAL UND SCHIENE, NO 7, 1962,
PP 277-280.

JPRS 15584

EE - GERMANY
ECON
OCT 62

214,145

HEAVY REINFORCED CONCRETE RAILROAD BRIDGES AS
PREFABRICATED COMPONENTS, BY WERNER NITSCHKE,
5 PP

GERMAN, PER, SIGNAL UND SCHIENE, NO 8, 1962,
P 300-301.

JPRS 15584

EE - GERMANY
ECON
OCT 62

214,146

TASKS OF THE STATE CONSTRUCTION INSPECTORATE
WITH REGARD TO THE EAST GERMAN RAILROADS, BY
ARNO BOELKER, 14 PP.

GERMAN, PER, SIGNAL UND SCHIENE, VOL VI,
NO 9, 1962, PP 333-336.

JPRS 15857

EEUR-GERMANY
ECON
OCT 62

215,059

LONG DISTANCE TRANSMISSION OF INFORMATION---
PREREQUISITE FOR EFFICIENT DAT PROCESSING,
BY HELFRIED PORTSMANN, 6 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 11, VOL VI,
NOV 1962, PP 407-409.

JPRS 17102

SCI - ELECTRON

JAN 63

219,437

NEW TECHNOLOGY IN RAILROAD MAINTENANCE, BY
HARTWIG MARTIN, 6 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 2, 1963,
PP 39, 40.

JPRS 18662

EUR - GERMANY

RECON
APR 63

228,535

RECONSTRUCTION OF THE NORDBERG SYSTEM IN THE
HALLE FREIGHT YARD, BY KLAUS BOCHMANN,
9 PP

GERMAN, PER, SIGNAL UND SCHIENE, NO 2, 1963,
PP 43-45.

JPRS 18662

EUR - GERMANY
ECON
APR 63

228,536

COLD-CATHODE RELAY TUBES FOR REMOTE CONTROL
INSTALLATIONS OF CENTRALIZED TRAFFIC ~~RM~~ CONTROL
SYSTEMS, BY H. E. KOCH, 10 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 2, 1963,
PP 60-63.

JPRS 18662

EEUR - GERMANY
ECON
APR 63

228,537

THE NEW INVESTMENT DECREE IN TRANSPORTATION, BY
F. SWOBODA, 18 PP.

GERMAN, PER, SIGNAL UND SCHIENE, NO 3, 1963,
PP 78-81.

JPRS 19177

EEUR - GERMANY
ECON .
MAY 63

231,302

RAILROAD TIE REPLACEMENT MACHINE DR, TYPE FEV
BLANDENBURG/HARZ, BY G. STIER, 8 PP.

GERMAN, PER, SIGNALE UND SCHIENE, VOL VII, NO 4,
1963, PP 112-115.

JPRS 19641

EEUR-GERMANY

ECON.

JUN 63

232,516

Review and Preview of Railroad Construction Work, by
Horst Schandert, 5 pp.
GERMAN, per, Signal und Schiene, Vol VIII, No 1, 1964,
pp 3, 4.

JPRS 23698

X
EE-Germany
Econ
Mar 64

251,999

Clearing Profile 1-SM.DR.

GERMAN, per, Signal und Schine, May 1964,
pp 159-162.

DIA LN 228-70

Sci-Misc

Feb 70

401,641

Implementation of the New Economic System in Railroad
Construction, by Kurt Sobotta, 10 pp.

GERMAN, per, Signal und Schiene, Vol VIII, No 9,
Sept 1964, pp 292-295.

JPRS 27,886

EE-E. Germany

Econ

Feb 65

272,921

Mechanization of Roadbed Work on East German Rail-
roads, by Erich Hulzenbecher, 14 pp.
GERMAN, per, Signal und Schiene, No 10, 1964, pp 328-334.
JPRS 27829

EE-Germany
Econ
Jan 65

270,941

J-986/64

Register of Iraqi Officials (1959).

ARABIC, bk, Siyl Al-Muwaddafin, 1959, 112 pp.

*JPRS/SPECIAL/NY-9289

ME - Iraq

Pol

Jul 64

Plumat, M.

EVOLUTION OF SULFURIZED COMPOUNDS OF SODIUM IN THE COURSE OF THE FUSION OF GLASS
(Evolution des Composés Sulfurés de Sodium au Cours de la Fusion du Verre). [1963] [36p] (foreign text included) Srefa

Order from SLA \$3.60

TT-64-14032

Trans. of Silicates Industriels (Belgium) 1949, v. 14, no. 6, p. 125-133.

(Materials--Ceramics, TT, v. 12, no. 2)

TT-64-14032

L. Plumat, M.

Office of Technical Services

Pecriaux, Gabriel.
INTERNAL METHOD OF CALIBRATING THE
DILATOMETER (Méthode Interne d'Étalonnage du
Dilatомètre). [Paper from] National Science Congress
(no. 3) Brussels, 2 Jun 50. [1963] [11p] (foreign text
included)

Order from SLA \$1.60

TT-64-10542

Trans. of reprint from Silicates Industriels (Belgium)
1950, v. 15, no. 10, 3p.

DESCRIPTORS: *Dilatometers, *Calibration, Metals,
Standards.

(Research Methods, Techniques and Equipment, TT,
v. 11, no. 8)

TT-64-10542

I. Pecriaux, G.
II. Title: National...

Office of Technical Services

Padmos, A. A.

EVALUATION OF THE COEFFICIENT OF EXPANSION
OF A GLASS BY MEASUREMENT OF THE STRESSES
OCCASIONED BY JOINING IT TO A STANDARD GLASS.

21p.

Order from SLA \$2.60

TT-64-16925

Trans. of Silicates Industriels (Belgium) 1951, v. 16,
p. 138-143.

(Materials--Ceramics, TT, v. 12, no. 4)

TT-64-16925

I. Padmos, A. A.

Office of Technical Services

A Method of Quantitative X-Ray Crystallographic
Analysis of the ~~Polymorphic~~ Transformation
of Silica, by W. L. de Kretser.

FRENCH, per, Silicates Ind, Vol XVI, ~~1950~~, 1951,
pp 296-299.

INSDOC-T1398

Sci

Aug 58

71,182

Some Applications of Radioactive Tracers
To Glass Problems, by I. Peyches.
FRENCH, per, Silicates Industriels, Vol 17,
No 7, 1952, pp 243-246.
SLA TT-66-10685

Sci-M&M
Jul 66

306,009

Foex, Marc.
CERAMIC BODIES FORMED FROM Al_2O_3 AND
 V_2O_5 (Sur Quelques Propriétés des Céramiques
Formées par l'Alumine et le Sesquioxyde de
Vanadium). [1963] 6p. (figs. omitted) 12 refs.
Order from SLA \$1.10 63-18435

Trans. of Silicates Industriels (Belgium) 1952, v. 17,
p. 326-329.

DESCRIPTORS: *Ceramic materials, *Aluminum com-
pounds, *Vanadium compounds, Oxides, Crystal
structure, Electrical properties, Material forming.
*Dielectrics, *Semiconductors.

(Materials--Ceramics, TT, v. 10, no. 11)

63-18435

I. Foex, M.

Office of Technical Services

Plumat, E.
CONTROL OF THE COMPOSITION OF GLASS BY
ELECTRIC CONDUCTIVITY (Contrôle de la Composi-
tion du Verre par Conductibilité Électrique). [1962]
[9]p. (foreign text included).
Order from SLA \$1.10

62-20238

Trans. of Silicates Industriels (Belgium) 1953, v. 18,
[no. 1] p. 17-19.

DESCRIPTORS: *Glass, Electrical conductance,
Quality control

(Materials--Ceramics, TT, v. 9, no. 10)

62-20238

I. Plumat, E.

Office of Technical Services

Concerning Quick Determination of the Magnesium
Oxide in a Dolomite, by P. Remy-Gennete.

FRENCH, per, Silicates Industriels, Vol XVIII,
p 151, 1953.

Insdoc-T1778

Sci - Chem
Aug 58

70,343

Plumat, E.

STUDY OF CONTACT PHENOMENA BETWEEN GLASS
AND OXIDE AT HIGH TEMPERATURE BY MEASURE-
MENTS OF ELECTRIC POTENTIAL (Étude des
Phénomènes de Contact entre Verre et Oxyde à Haute
Température par les Mesures de Potential Electrique).
[1962] [31] p. (figs. tables omitted) 6 refs.
Order from SLA \$3.60 62-16236

Trans. of Silicates Industriels (Belgium) 1954, v. 19
[no. 3] p. 141-154.

DESCRIPTORS: *Oxides, Mixtures, Processing, *Glasses,
High temperature research, Measurement, *Electric
potential, Electrochemistry, *Sliding contacts,
Electrical equipment.

Experimental methods were developed for determining
the electromotive forces originating in various
electrolytic chains and for observing the phenomena
(Materials--Ceramics, TT, v. 9, no. 2) (over)

62-16236

1. Title: Electromotive force
1. Plumat, E.

Office of Technical Services

Study of Contact Phenomena Between Glass and
Oxide at a High Temperature by Electric
Potential Measurements, by E. Plumet.
FRENCH, per, Silicate Industriels, Vol 19,
No 4, 1954, pp 141-153.
NRC-69-16443-11B

Sci-Materials
Feb 70

403,119

TT-64-10395

1. Plumat, E.

Plumat, E.
STUDY OF CONTACT PHENOMENA BETWEEN
GLASS AND OXIDE AT HIGH TEMPERATURE BY
THE MEASUREMENTS OF THE ELECTRICAL
POTENTIAL /Etude des Phenomenes de Contact entre
Verre et Oxyde a Haute Temperature par les Mesures
de Potential Electrique]. [1963] [44p] Srefa
Order from SLA \$4.60 TT-64-10395

Trans. of Silicates Industriels (Belgium) 1954, v. 19,
no. 4, p. 141-154. (Abstract available)
Another trans. is available from SLA \$3.60 as
TT-62-16230 [1962] [31p].

DESCRIPTORS: *Oxides, Mixtures, Processing, *Glass,
High temperature research, Measurement, *Electric
potential, Electro-chemistry, *Sliding contacts,
Electrical equipment.

(Materials--Ceramics, TT, v. 11, no. 10) (over)

Office of Technical Services

Plumat, E.
STUDY OF CONTACT PHENOMENA BETWEEN
GLASS AND OXIDE AT HIGH TEMPERATURE BY
THE MEASUREMENTS OF THE ELECTRICAL
POTENTIAL [Etude des Phenomenes de Contact entre
Verre et Oxyde a Haute Temperature par les Mesures
de Potential Electrique]. [1963] [44p] Srefs
Order from SLA \$4.60 TT-64-10395

Trans. of Silicates Industriels (Belgium) 1954, v. 19,
no. 4, p. 141-154. (Abstract available)
Another trans. is available from SLA \$3.60 as
TT-62-16236 [1962] [31p].

DESCRIPTORS: *Oxides, Mixtures, Processing, *Glass,
High temperature research, Measurement, *Electric
potential, Electro-chemistry, *Sliding contacts,
Electrical equipment.

(Materials--Ceramics, TT, v.11, no. 10) (over)

TT-64-10395

1. Plumat, E.

Office of Technical Services

Brichard, E.
INFLUENCE OF THE CHARGING METHOD ON THE
MELTING RATE IN TANK FURNACES. [Feb 63] 6p.
Order from ATS \$9.00
ATS-61P64P

Trans. of Silicates Ind[ustriels] (Belgium) 1954,
v. 19, no. 5, p. 207-209.

DESCRIPTORS: *Silicates, Melting, *Furnaces.

(Materials--Ceramics, TT, v. 9, no. 7)

63-12756

- I. Brichard, E.
- II. ATS-61P64P
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Polarization of Refractory Oxides Immersed in
Molten Glass, by P. Le Clerc, I. Paychaes.
FRESCH, per, Silicate Industrials, Vol 19,
No 11, 1954, pp 374-379.
HTC-69-16475-11B

Sci-Materials
Feb 70

403,120

Plasticity of Raw Materials and Ceramic Pastes,
by A. Baudran.

FRENCH, per, Silicates Industriels, Vol XXI, No 5,
May 1956, pp 219-229.

ASLIB-GB105

Sci
Aug 58

70,771

Present Day Concepts of Cement Hydration,
by J. Brocard, 18 pp.

FRENCH, per, Silicates Industriels, Vol
XXI, 1956, pp 271-279.

SLA 57-2286

Sci

Sci 77-271-279

Aug 58

69, 780.

Influence of Clays on the Formation and Fusion
Behavior of Coal Ash, by J. Endell.

FRENCH, per, Silicates Industriels, Vol XXII,
1957, pp 156-159.

Dept of Interior
Tr No 17274

Sci

Jan 63

Influence of the Development of Automation on
the Organization of the Company and Organiza-
tional Methods, by R. Gaudy and M. Meylon, 13
pp.

FRENCH, per, Silicates Ind, May 1957, pp 291-
299.

SLA 57-3407

Sci

Aug 58

72,716

Furnaces and Temperature Regulators For Physical-
Chemical Studies up to 1700°C., by Urbain, Georges and
Gilbert Cavalier, 13 pp

FRENCH, per, Silicates Industriels, Vol XXII, 1957,
pp 527-532. 9219519

*AEC -SC-T-527

Sci- Phys
Nov 63

Study of Hydrated Hydraulic Binders by
Differential Thermal Analysis, by M. Rey, 14 pp.

FRENCH, par. Silicates Industriels, Vol XXII,
No 5, 1957, pp 533-540.

SLA 60-18147

Sci
Jul 62

Vol 4, No 12

203,541

On the Causes of Electromotive Forces
Between Vitreous Systems, by E. Plumat.
EUROPEAN, per, Silicates Industriels, Vol 22,
1957, pp 657-667; Vol 23, 1958, pp 17-28.
NTC-70-13069-11B

Feb 72

Rheology in the Cement Industry, Conclusion,
by Michel Papadakis, 10 p.

FRENCH, per, Silicate Industriels, 1957, Vol XXII,
No 12, pp 675-681.

SLA 59-17648

Sci
Feb 60
Vol 2, No 10

108,892

Sintered Alumina Cutting Tools. I. Theory,
by L. Gion. UNCL

FRENCH, por, Silicates Industriels, No 5, 1958,
pp 241-247.

BISI 1558

(14.10s.00.)

Sci - Engr

Mar 60

110,286

Alegre, R.
EMISSION OF SILICON-ALUMINUM REFRACTORIES
IN THE INFRARED SPECTRUM. [1961] [23]p.
Order from SLA m152.70, ph54.80 61-14470
Trans. of Silicates Industriels (Belgium) 1958 (v. 23)
no. 5, p. 253-260.

Diffuse reflection of silicon-aluminum refractories was studied in the infrared spectrum between the visible and 12 microns. The study was made in the cold and in the neighborhood of 1000°C. In general these refractories present beyond 3 microns a zone of weak reflection. They are therefore particularly absorbent of certain selective flames, like those of town gas. The chemical nature of the refractory reveals itself especially by the reflection bands situated at 9 microns for silica and at 11 microns for alumina. (Author)

(Materials--Refractories, TT, v. 5, no. 12)

61-14470

1. Alumina-silica--
Spectrographic analysis
1. Alegre, R.

151881

Office of Technical Services

Sintered Alumina Cutting Tools. II. Fabrication
Factors, by L. Gion. UNCL

FRECH, per, Silicates Industriels, No 6, 1958,
pp 327-332.

BISI 1559

(17.10s.08.)

Sci - Engr

Mar 60

110, 287

Non-destructive Control of the Texture
of Refractory Products, by A. Baudran,
C. Deplus.
FRENCH, per, Silicates Industriels, Vol
23, No 11, 1958, pp 561-572.
NTC 69-10796-11B

Sci-Mat
May 69

382,564

General Ideas on Thermal Shock, by P.
Lapoujade, 4 pp.

FRENCH, per, Silicates Industriels,
Vol. XXII, No 11, 1958, pp 573-582.

Broken Hill Proprietary
Co Ltd (CRL/T.479)

Sci - Engr
Nov 61

174,357

Euw, M. Von.
QUANTITATIVE ANALYSIS OF PORTLAND CE-
MENT CLINKER BY X-RAYS, tr. by David Kantro.
[1961] [14]p. 3 refs.
Order from SLA \$1.60

61-18801

Trans. of Silicates Industriels (Belgium) 1958 [v. 23,
no. 12, p. 643-649].

DESCRIPTORS: *X-ray diffraction analysis, *Ce-
ments, Magnesium compounds, Oxides, Processing,
Metallurgical analysis, Slags, Aluminates, Mate-
rials, Metals, Chemical industry, Industrial produc-
tion, Intensity, Silicates, Chemical analysis, Crya-
tallization, Sampling

The crystalline constituents of a clinker may be de-
termined by an X-ray diffraction technique. The per-
fected method consists of comparing the intensities
(Engineering--Chemical, TT, v. 6, no. 12) (over)

61-18801

1. Title: Clinker
1. Euw, M. Von

Office of Technical Services

The Distinction Between Mullite and Sillimanite
by Infrared Spectroscopy, by P. Tarte,
25 pp.

FRENCH, par, Silicates Industriels,
Vol XXIV, No 1, 1959, pp 7-13.

SLA 60-16844

Sci.
Vol IV, No 7
Apr 62

193,859

A New Theory of the Viscosity of Vitreous
Silicates, by S. N. Lungu.

FRENCH, per, Silicates Industriels, Vol XXIV,
No 3, 1959, pp 124-130.

CSINO

Sci - Phys
Oct 61

171,380

Study in the Alteration of Kaolinite by Various
Chemical Agents, by M. C. Gastuche.
FRENCH, per, Silic Ind, Vol 24, 1959, pp 237-244.
CSIRO No 9770

Sci-Materials
Dec 69

398,186

Texture Analysis of Refractory Building
Materials, by L. Zagar.
EUROPEAN, per, Silicates Industriels, Vol 24,
1959, pp 306-312.
NTC-71-11796-11B

Feb 72

GASTUCHE, M. C. Study of the alteration of kaolinite by
various chemical agents.
Silic.ind. 24:313-20 (1959) (CSIRO/No. 9902)

A Practical Application of Operational Research to the Working of Glass Banks I.,
by M. Spoilhan.

FRENCH, per, Silicates Industriels,
Vol XXIV, 1959, pp 251-258.

3 3
CSIRO

171,300

Sci - Engr
Oct 61